

FIGURE 1A

NUCLEOTIDE SEQUENCE OF NS2/3 (810-1206) st (SEQ ID. No. 1)

atggaccggg agatggctgc atcgtgcgga ggcgcggttt tcataggtct tgcactcttg
accttgtcac catactataa agtgctcctc gctaggctca tatggtggtt acagtattta
atcaccagag tcgaggcgca cttgcaagtg tggatcccc ctctcaatgt tcggggaggc
cgcgatgcca tcatcctcct cacgtgcgca gtccaccag agctaactct tgacatcacc
aaactcctgctcgccatattcggtccgctcatggtgctccaggcaggcataaccaaagtgccgtac
ttcgtgcgtg cgcaggggct cattcgtgcg tgtatgttg tgcggaaggc tgcggggggt
cattatgtcc aaatggcctt catgaagcta gctgcgctga caggtagcga cgtttatgac
catctcactc cattgcagga ttgggcccac gcgggcctac gagaccttgc agtggcggtg
gagcccgtca tcttctctga catggaggtc aagatcatca cctggggggc ggacaccgcg
gcatgcgggg acatcatttc aggtctgccc gtctccgctc gaaggggaag ggagatactc
ctgggaccgg ccgataattt tgaagggcag ggggtggcgac tccttgcgcc catcacggcc
tactcccaac agacacgggg cctacttggg tgcacatca ccagcctcac aggcggggac
aagaaccagg tcgaggggga ggttcaagtg gtctccaccg ctacacaatc tttcctggcg
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caggcgcccc ctggggcgcg ctccatgaca ccatgcacct gcggcagctc ggacctctat
ttggtcacga gacatgccga cgtcattccg gtgcgccggc ggggcgacag tagggggagc
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ccttcggggc acgttgtggg catcttccgg gctgctgtgt gcacccgggg ggttgcaaaa
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cgtcaccgcg agttcgggtg t

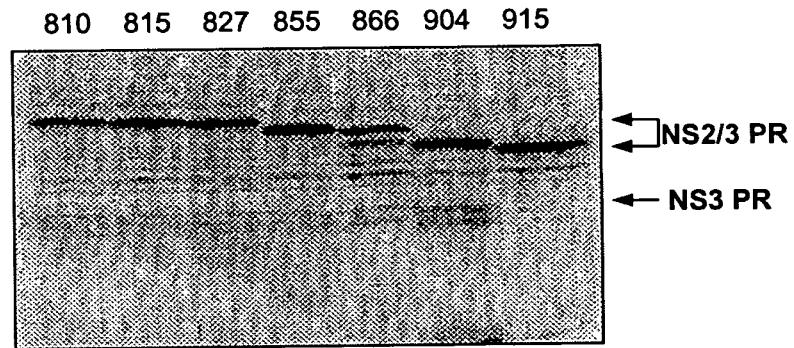
FIGURE 1B

AMINO ACID SEQUENCE OF NS2/3 (810-1206)-st (SEQ ID NO. 2)

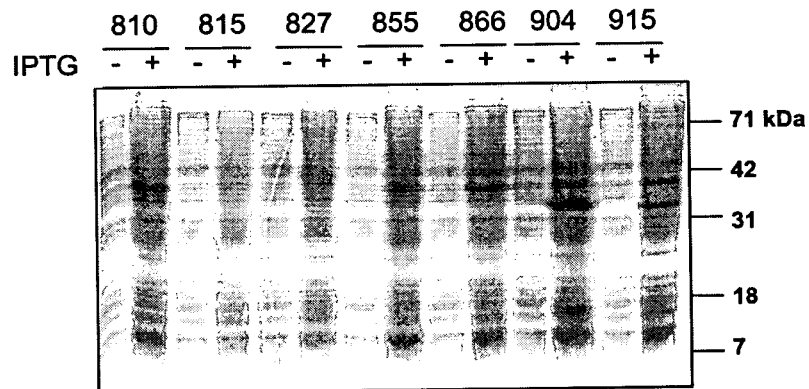
MDREMAASCG GAVFIGLALL TLSPYYKVELL ARLIWLQYL ITRVEAHLQV WIPPLNVRGG RDAIILLTCA
VHPELIFDIT KLLLAIFGPL MVLQAGITKV PYFVRAQLI RACMLVRKAA GGHVQMAFM KLAALTGTIV
YDHLTPLQDW AHAGLRDLAV AVEPVIFSDM EVKIITWGAD TAACGDIISG LPVSARRGRE ILLGPADNFE
GQGWRLAPI TAYSQQTRGL LGCIITSLTG RDKNQVEGEV QVSTATQSF LATCVNGVCW TVFHGAGSKT
LAGPKGPITQ MYTNVDQLV GWQAPPGARS MTPCTCGSSD LYLVTNRHADV IPVRRRGDSR GSLLSPRPVS
YKGSSEGGPL LCPSGHAVGI FRAAVCTRGV AKAVDFIPVE SMETTMRTSS AWRHPQFGG

FIGURE 2

A. *in vitro* translated N-terminal deletion mutants



B. *E. coli* expression - SDS-PAGE



C. *E. coli* expression - Immunoblot with anti-NS3

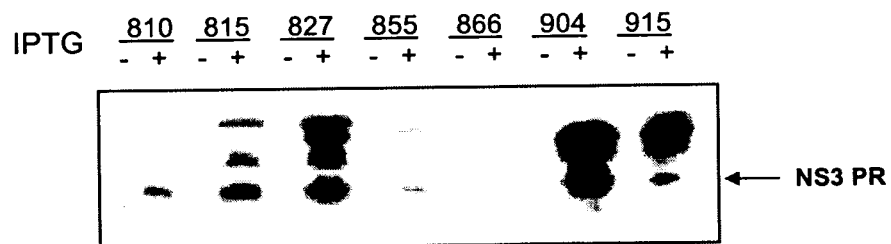
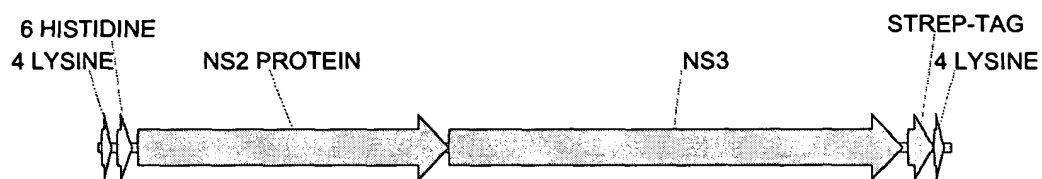


FIGURE 3



4k 6H NS2/3(904-1206)-ST-4K

FIGURE 4

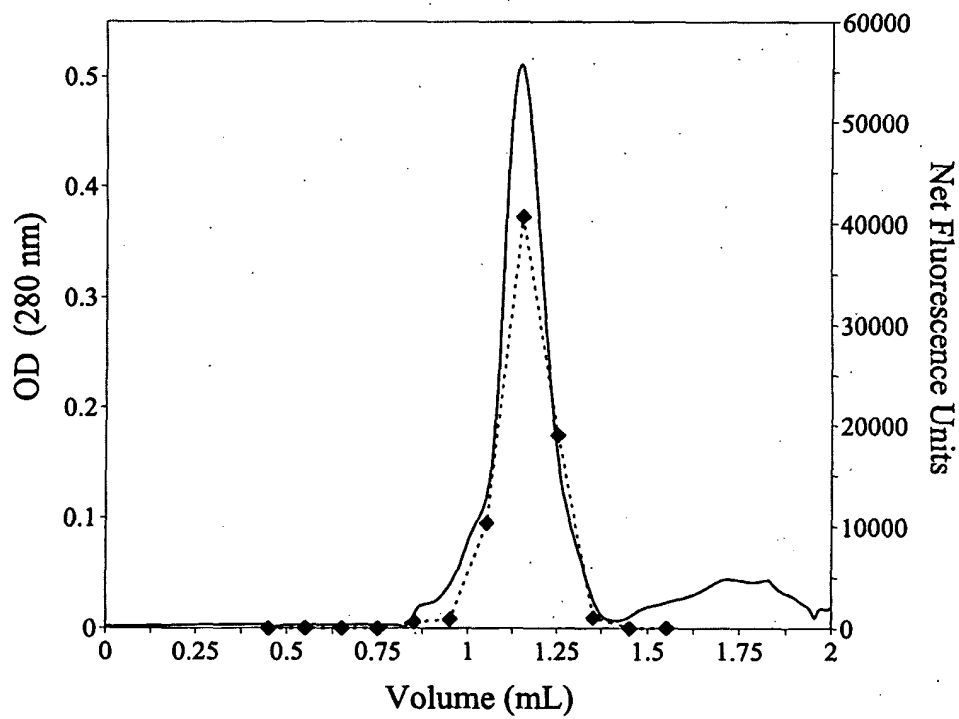


FIGURE 5

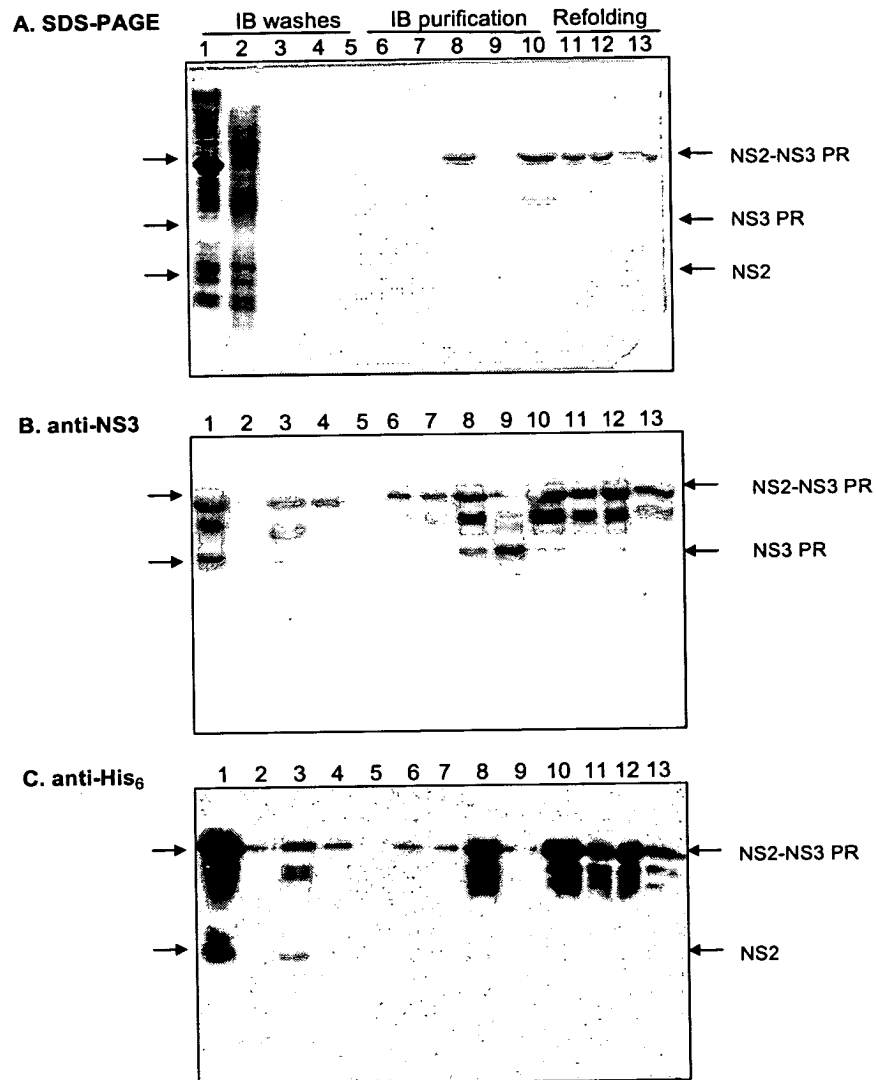


FIGURE 6

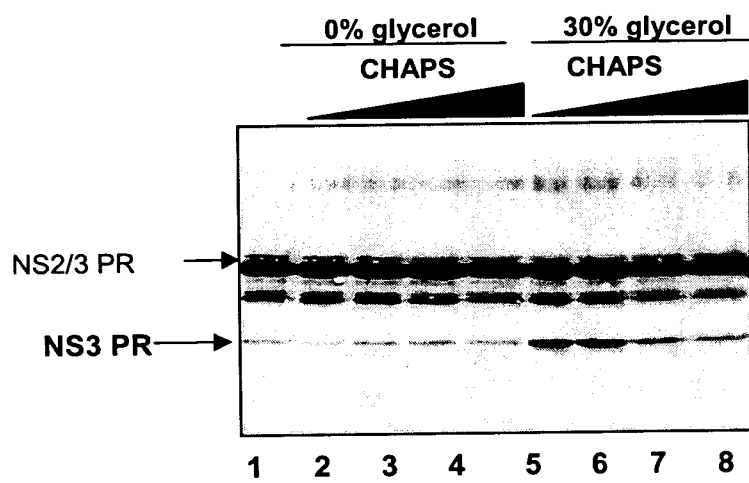


FIGURE 7

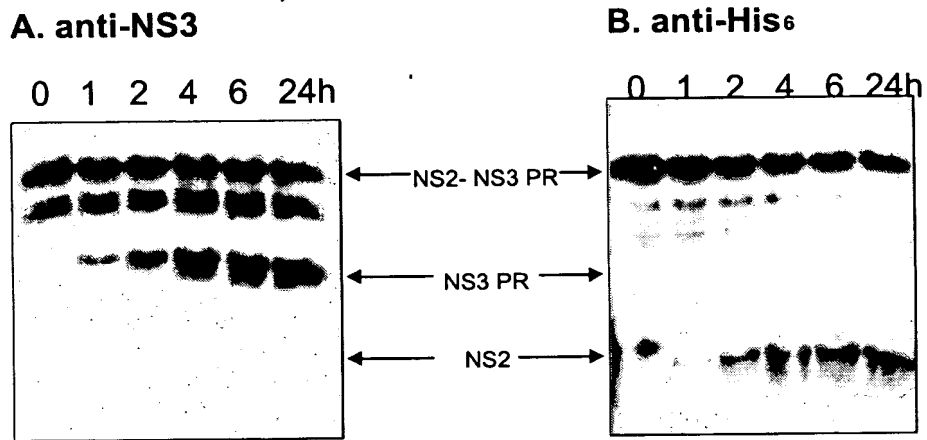


FIGURE 8

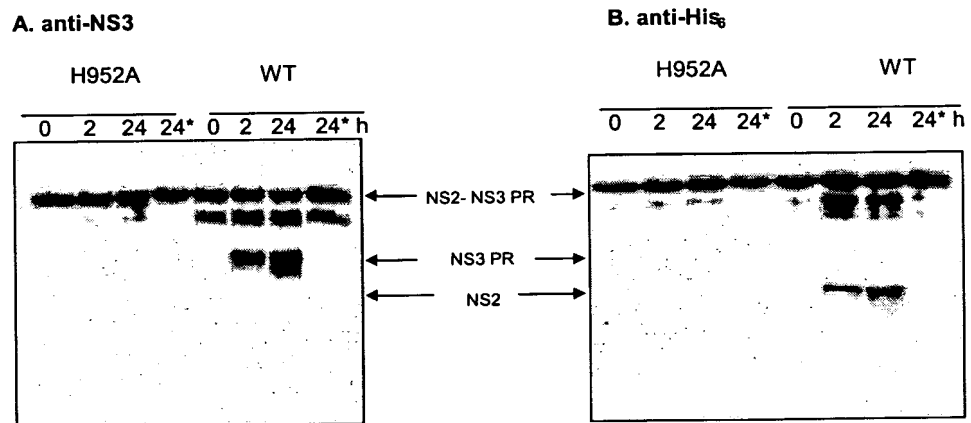


FIGURE 9A
NUCLEOTIDE SEQUENCE OF 4K-6H-NS2/3 (904-1206) ST-4K
(SEQ ID NO. 3)

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atgaaaaaga aaaagctcga gcataccat caccatcaca ctagtgcagg cataaccaa
gtgccgtact tcgtgcgtgc gcaggggctc attcgtgcgt gtatgttggt gcggaaggct
gcgggggggtc attatgtcca aatggccttc atgaagctag ctgcgctgac aggtacgtac
gtttatgacc atctcactcc attgcaggat tggggccacg cgggcctacg agaccttgca
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gacaccgcgg catgcgggga catcatttca ggtctgcccg tctccgctcg aagggaagg
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agggggagcc tgctctcccc caggcctgtc tctacttga agggctcttc ggggtggcca
ctgctctgcc cttcggggca cgttgtgggc atcttccggg ctgctgtgtg caccggggg
gttgcaaaag cggtggaact catacctgtt gagtctatgg aaactaccat gcggactagt
agcgcttggc gtcaccgca gttcgggtgt aaaaagaaa agtaaggatc c

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FIGURE 9B
AMINO ACID SEQUENCE OF 4K-6H-NS2/3 (904-1206) ST-4K
(SEQ ID NO. 4)

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MKKKKLEHHH HHHTSAGITK VPYFVRAQGL IRACMLVRKA AGGHYVQMAF MKLAALTGTY    60
VYDHLTPLQD WAHAGLRDLA VAVEPVIFSD MEVKIITWGA DTAACGDIIS GLPVSARRGR   120
EILLGPADNF EGQGWRLAP ITAYSQQTRG LLGCIITSLT GRDKNQVEGE VQVVSTATQS   180
FLATCVNGVC WTVFHGAGSK TLAGPKGPIT QMYTNVDQDL VGWQAPPGAR SMTPCTCGSS   240
DLYLVTRHAD VIPVRRRGDS RGSLLSPRPV SYLKGSSGGP LLCPSGHAVG IFRAAVCTRG   300
VAKAVDFIPV ESMETTMRTS SAWRHPQFGG KKKK                                337

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FIGURE 10

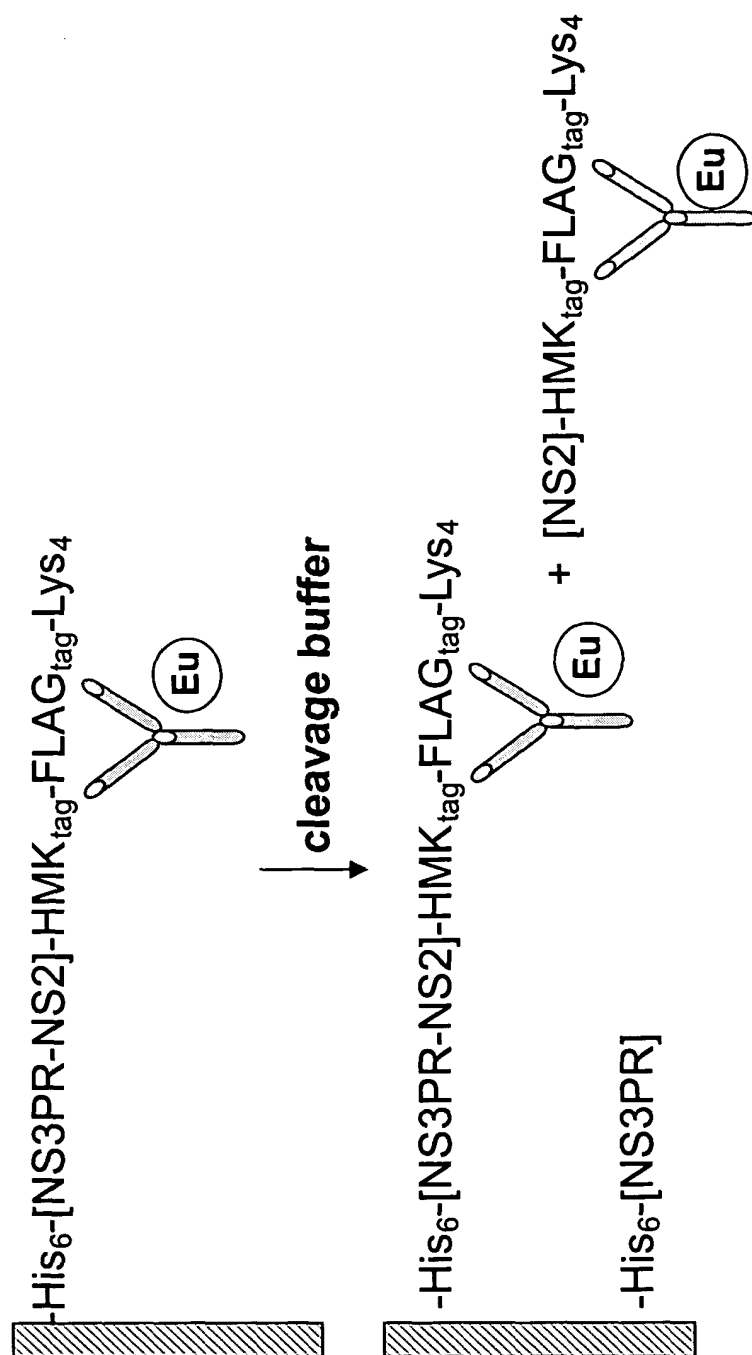


FIGURE 11

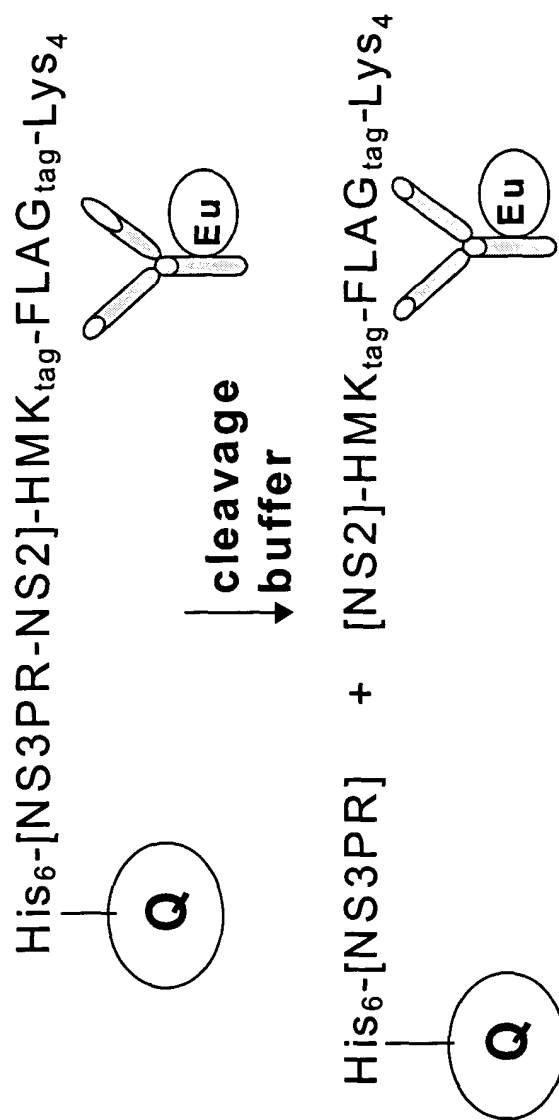


FIGURE 12

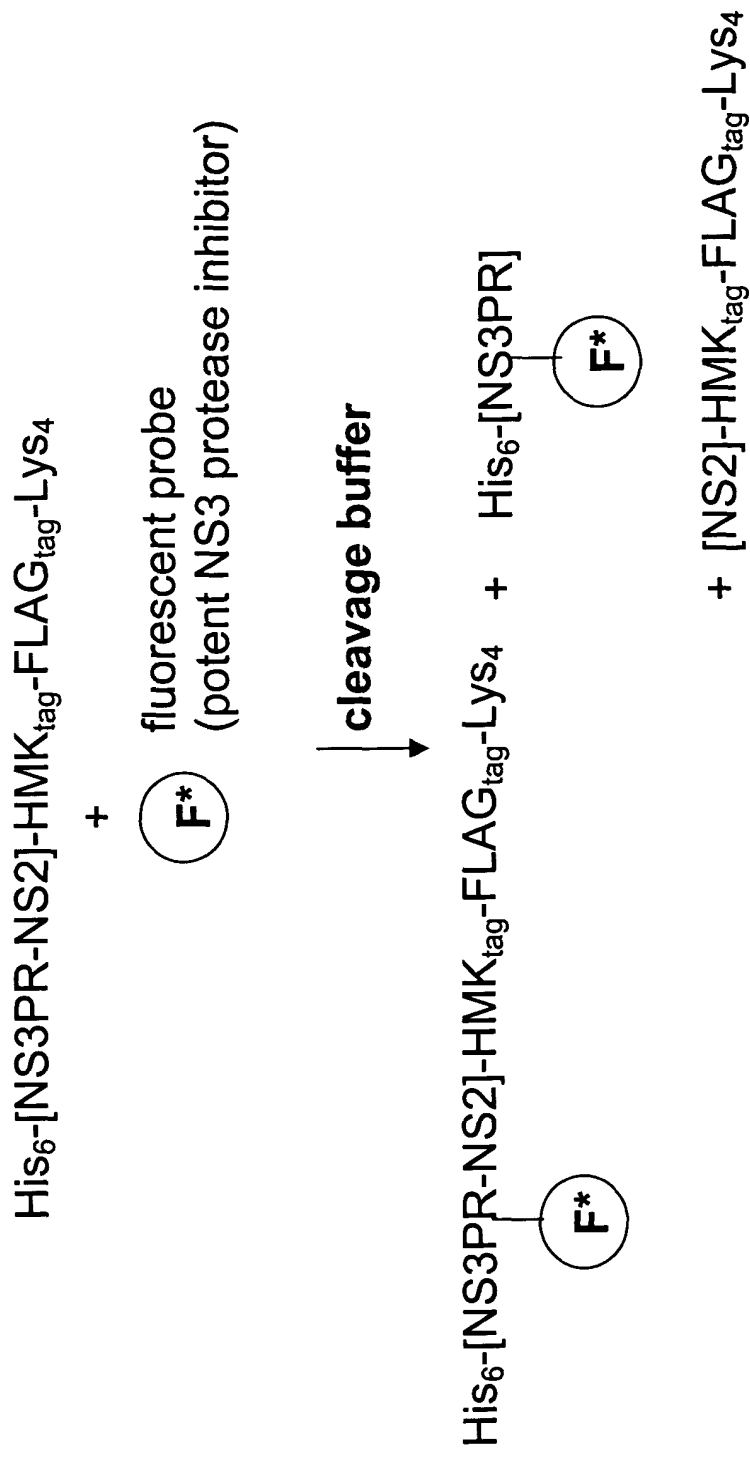


FIGURE 13

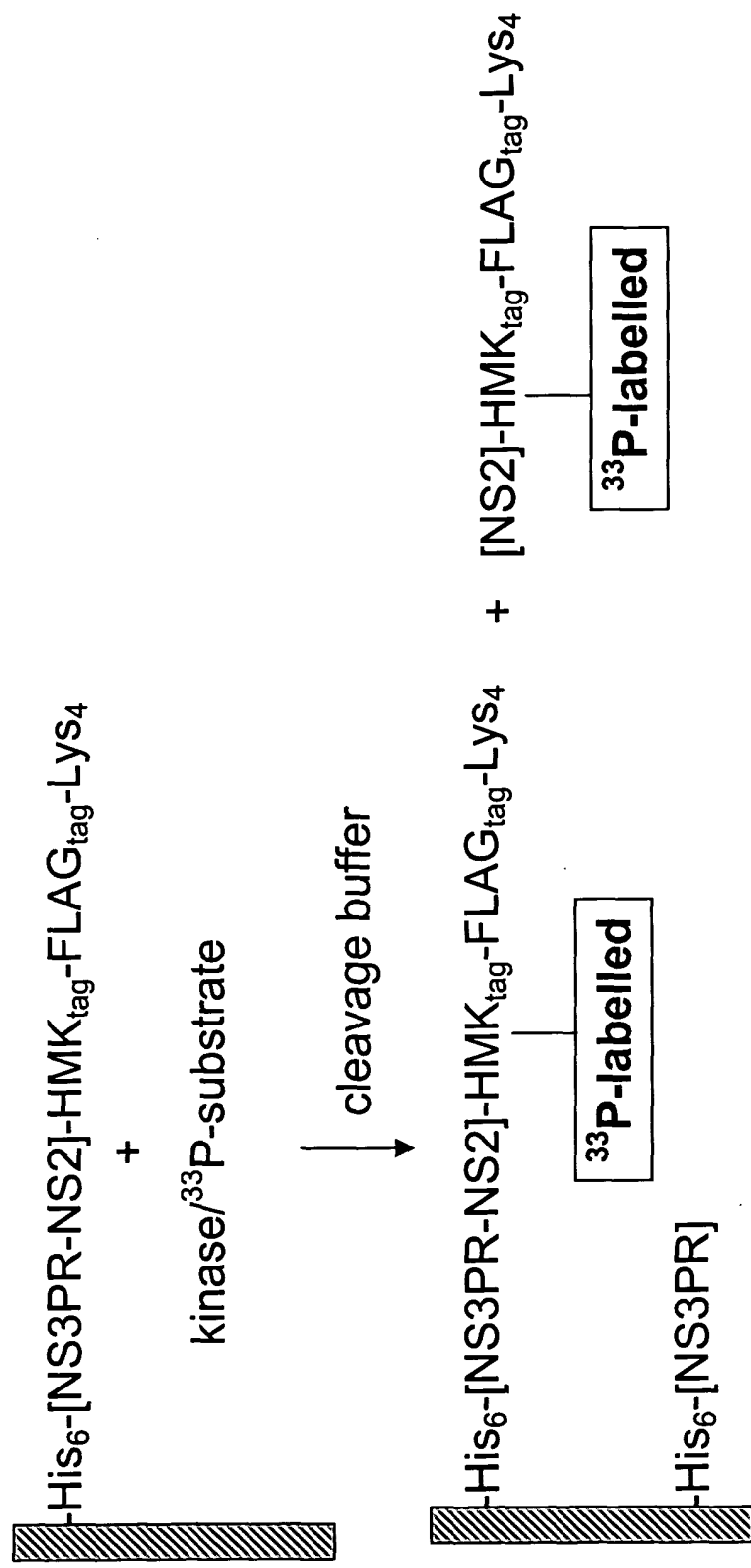


FIGURE 14

